

INTERNATIONAL SEARCH REPORT

National Application No
P/GB2004/004623

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04B10/155 H04B10/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 091 535 A (SATOH ET AL) 18 July 2000 (2000-07-18) figures 1,8A,8B,8C,9,10 column 5, line 63 - column 6, line 37	1-4,8, 11-15
A	-----	5-7,9, 10,16-25
X	EP 0 975 104 A (LUCENT TECHNOLOGIES INC) 26 January 2000 (2000-01-26) figures 1-3 paragraphs '0014! - '0017!	1,3,17, 18,21,22
A	-----	2,4-16, 19,20, 23-25
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

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- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
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- *P* document published prior to the International filing date but later than the priority date claimed

T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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& document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
21 March 2005	01/04/2005
Name and mailing address of the ISA European Patent Office, P.B. 5018 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl Fax: (+31-70) 340-3018	Authorized officer Petitit, N

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I/GB2004/004623

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 969 839 A (YOSHIDA ET AL) 19 October 1999 (1999-10-19) figures 4,11A-11D column 7, lines 25-29 column 7, line 50 - column 8, line 2 -----	1-3
A	-----	4-25
A	EP 0 718 990 A (AT&T CORP) 26 June 1996 (1996-06-26) figures 1-3 -----	1-25

INTERNATIONAL SEARCH REPORT

Information on patent family members

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US 6091535	A	18-07-2000	JP JP	3337980 B2 2000022640 A	28-10-2002 21-01-2000	
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